



FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT		ATTY. DOCKET NO. 1778.0220000		APPLICATION NO. 10/698,061	
		INVENTORS Banerjee et al.			
		FILING DATE October 31, 2003		ART UNIT 2183	
		U.S. PATENT DOCUMENTS			

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
DC	AA1	3,543,245	11/1970	Nutter			
DC	AB1	3,631,405	12/1971	Hoff et al.			
DC	AC1	3,949,372	04/1976	Brioschi			
DC	AD1	4,077,058	02/1978	Appell et al.			
DC	AE1	4,084,235	04/1978	Hirtle et al.			
DC	AF1	4,274,138	06/1981	Shimokawa			
DC	AG1	4,575,797	03/1986	Gruner et al.			
DC	AH1	4,774,652	09/1988	Dhuey et al.			
DC	AI1	4,782,443	11/1988	Matsumoto			
DC	AJ1	4,835,734	05/1989	Kodaira et al.			

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
DC	AK1	0 109 567 A2	05/1984	EP			N/A
DC	AL1	0 169 565 A2	01/1986	EP			N/A
DC	AM1	0 199 173 A2	10/1986	EP			N/A

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

DC	AN	1	Bandyopadhyay, A. and Zheng, Y.F., "Combining Both Micro-Code And Hardwired Control In RISC," 5 pages, (published in ACM SIGARCH Computer Architecture News, Vol. 15, Issue 4, pp. 11-15 (September 1987)).
DC	AO	1	Hayashi, T. et al., "A 5.6-MIPS Call-Handling Processor for Switching Systems," IEEE Journal of Solid-State Circuits, Vol. 24, No. 4, IEEE, pp. 945-950 (August 1989).
DC	AP	1	"High Performance Dual Architecture Processor," IBM Technical Disclosure Bulletin, Vol. 36, No. 2, IBM Corp., pp. 231-234 (February 1993).
DC	AQ	1	McNeley, K.J. and Milutinovic, V.M., "Emulating a Complex Instruction Set Computer with a Reduced Instruction Set Computer," IEEE Micro, IEEE, pp. 60-72 (February 1987).
DC	AR	1	Sweetman, D., See MIPS Run, Morgan Kaufman Publishers, Inc., ISBN 1-55860-410-3, pp.vii-xiv and 423-425 (1999).

EXAMINER

DATE CONSIDERED

6-FEB-2006

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449 <u>INFORMATION DISCLOSURE STATEMENT</u>		ATTY. DOCKET NO. 1778.0220000	APPLICATION NO. 10/698,061
		INVENTORS Banerjee et al.	
		FILING DATE October 31, 2003	ART UNIT 2183

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
<i>DC</i>	AA2	4,839,797	06/1989	Katori et al.			
<i>DC</i>	AB2	4,868,740	09/1989	Kagimasa et al.			
<i>DC</i>	AC2	4,876,639	10/1989	Mensch, Jr.			
<i>DC</i>	AD2	5,193,158	03/1993	Kinney et al.			
<i>DC</i>	AE2	5,280,593	01/1994	Bullions, III et al.			
<i>DC</i>	AF2	5,307,504	04/1994	Robinson et al.			
<i>DC</i>	AG2	5,335,331	08/1994	Murao et al.			
<i>DC</i>	AH2	5,420,992	05/1995	Killian et al.			
<i>DC</i>	AI2	5,438,668	08/1995	Coon et al.			
<i>DC</i>	AJ2	5,463,700	10/1995	Nakazawa			

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
<i>DC</i>	AK2	0 324 308 A2	07/1989	EP			N/A
<i>DC</i>	AL2	WO 95/30187 A1	11/1995	WO			N/A
<i>DC</i>	AM2	WO 95/30188 A1	11/1995	WO			N/A

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

<i>DC</i>	AN	2	Turley, J., "LSI's TinyRisc Core Shrinks Code Size: Code-Compaction Technique Squeezes MIPS Instructions Into 16 Bits," <i>Microprocessor Report</i> , Microdesign Resources, pp. 40-43 (October 28, 1996).
	AO	2	
	AP	2	
	AQ	2	
	AR	2	

EXAMINER

Dillon Cody

DATE CONSIDERED

6-FEB-2006

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT			ATTY. DOCKET NO. 1778.0220000		APPLICATION NO. 10/698,061		
			INVENTORS Banerjee et al.				
			FILING DATE October 31, 2003		ART UNIT 2183		
			U.S. PATENT DOCUMENTS				
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
DC	AA3	5,467,134	11/1995	Laney et al.			
DC	AB3	5,481,684	01/1996	Richter et al.			
DC	AC3	5,481,693	01/1996	Blomgren et al.			
DC	AD3	5,519,873	05/1996	Butter et al.			
DC	AE3	5,542,059	07/1996	Blomgren			
DC	AF3	5,546,552	08/1996	Coon et al.			
DC	AG3	5,568,646	10/1996	Jaggar			
DC	AH3	5,574,887	11/1996	Fitch			
DC	AI3	5,574,927	11/1996	Scantlin			
DC	AJ3	5,574,928	11/1996	White et al.			
FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
DC	AK3	WO 96/24895 A1	08/1996	WO			N/A
DC	AL3	2 016 755 A	09/1979	GB			N/A
DC	AM3	2 284 492 A	06/1995	GB			N/A
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
	AN	3					
	AO	3					
	AP	3					
	AQ	3					
	AR	3					
EXAMINER <i>Dylan Cody</i>					DATE CONSIDERED 6-FEB-2006		
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.							

FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT			ATTY. DOCKET NO. 1778.0220000		APPLICATION NO. 10/698,061		
			INVENTORS Banerjee et al.				
			FILING DATE October 31, 2003		ART UNIT 2183		
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
<i>DC</i>	AA4	5,598,546	01/1997	Blomgren			
<i>DC</i>	AB4	5,619,665	04/1997	Emma			
<i>DC</i>	AC4	5,619,666	04/1997	Coon et al.			
<i>DC</i>	AD4	5,632,024	05/1997	Yajima et al.			
<i>DC</i>	AE4	5,638,525	06/1997	Hammond et al.			
<i>DC</i>	AF4	5,652,852	07/1997	Yokota			
<i>DC</i>	AG4	5,664,136	09/1997	Witt et al.			
<i>DC</i>	AH4	5,685,009	11/1997	Blomgren et al.			
<i>DC</i>	AI4	5,740,461	04/1998	Jaggar			
<i>DC</i>	AJ4	5,758,115	05/1998	Nevill			
FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
<i>DC</i>	AK4	2 289 353 A	11/1995	GB			N/A
<i>DC</i>	AL4	2 290 395 A	12/1995	GB			N/A
	AM4						Yes No
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
	AN	4					
	AO	4					
	AP	4					
	AQ	4					
	AR	4					
EXAMINER <i>Dr. Tom Corby</i>					DATE CONSIDERED <i>6-FEB-2006</i>		
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.							

FORM PTO-1449 <u>INFORMATION DISCLOSURE STATEMENT</u>			ATTY. DOCKET NO. 1778.0220000	APPLICATION NO. 10/698,061			
			INVENTORS Banerjee et al.	FILING DATE October 31, 2003	ART UNIT 2183		
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
<i>DC</i>	AA5	5,774,686	06/1998	Hammond et al.			
<i>DC</i>	AB5	5,781,750	07/1998	Blomgren et al.			
<i>DC</i>	AC5	5,794,010	08/1998	Worrell et al.			
<i>DC</i>	AD5	5,796,973	08/1998	Witt et al.			
<i>DC</i>	AE5	5,828,859	10/1998	Tanihira et al.			
<i>DC</i>	AF5	5,854,913	12/1998	Goetz et al.			
<i>DC</i>	AG5	5,867,681	02/1999	Worrell et al.			
<i>DC</i>	AH5	5,867,682	02/1999	Witt et al.			
<i>DC</i>	AI5	5,896,519	04/1999	Worrell			
<i>DC</i>	AJ5	5,905,893	05/1999	Worrell			
FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AK5						Yes
	AL5						No
	AM5						Yes
							No
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
	AN	5					
	AO	5					
	AP	5					
	AQ	5					
	AR	5					
EXAMINER <i>Dylan Cady</i>					DATE CONSIDERED <i>6-FEB-2006</i>		
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.							

FORM PTO-1449 <u>INFORMATION DISCLOSURE STATEMENT</u>			ATTY. DOCKET NO. 1778.0220000	APPLICATION NO. 10/698,061			
			INVENTORS Banerjee et al.	FILING DATE October 31, 2003	ART UNIT 2183		
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
<i>DC</i>	AA6	5,954,830	09/1999	Temullo, Jr.			
<i>DC</i>	AB6	6,012,138	01/2000	Worrell			
<i>DC</i>	AC6	6,021,265	02/2000	Nevill			
<i>DC</i>	AD6	6,651,160 B1	11/2003	Hays			09/01/2000
	AE6						
	AF6						
	AG6						
	AH6						
	AI6						
	AJ6						
FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AK6						Yes
	AL6						No
	AM6						Yes
							No
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
	AN	6					
	AO	6					
	AP	6					
	AQ	6					
	AR	6					
EXAMINER <i>Dr. Tom Cady</i>					DATE CONSIDERED 6-FEB-2006		
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.							